

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\
 Data File : BF105041.D
 Acq On : 2 May 2018 19:49
 Operator : JU/SJ
 Sample : PB108708BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108708BL

Quant Time: May 03 08:50:40 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	77788	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	318872	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	140056	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	237113	20.00	ng	0.00
75) Chrysene-d12	14.03	240	182310	20.00	ng	0.00
86) Perylene-d12	15.62	264	138065	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	586143	115.22	ng	0.00
7) Phenol-d6	6.43	99	694513	111.11	ng	0.00
23) Nitrobenzene-d5	7.36	82	411923	84.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	159287	109.64	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	799242	90.15	ng	0.00
78) Terphenyl-d14	12.92	244	691824	86.51	ng	0.00

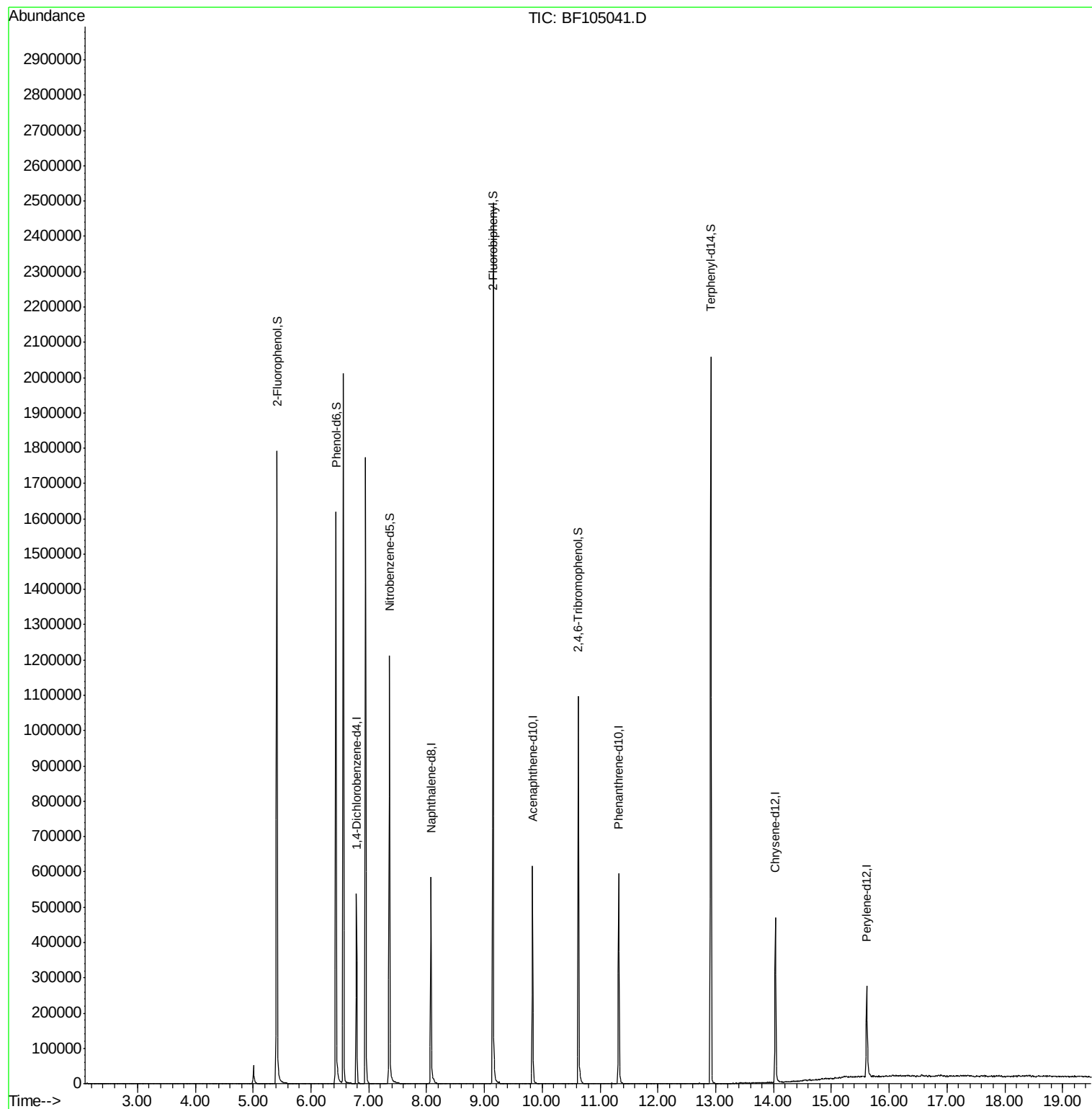
Target Compounds Qvalue

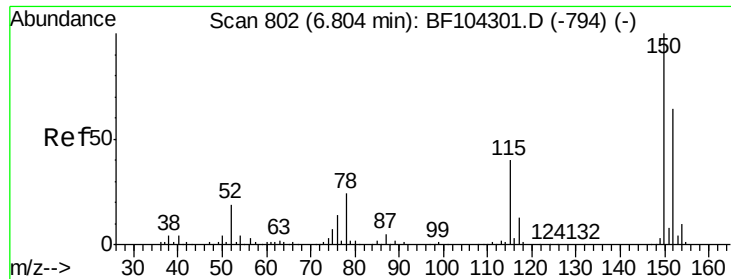
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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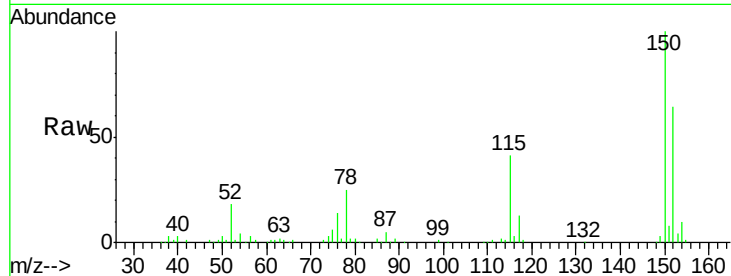


#1

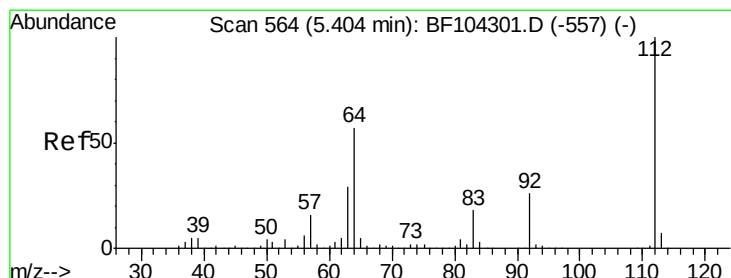
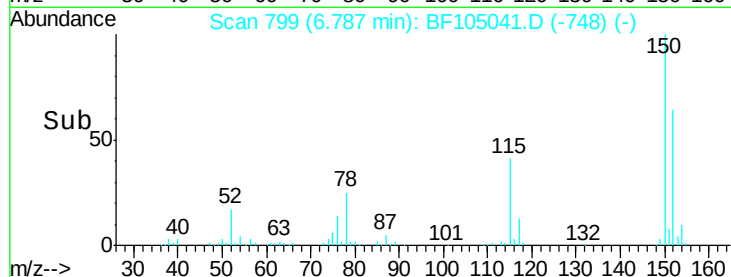
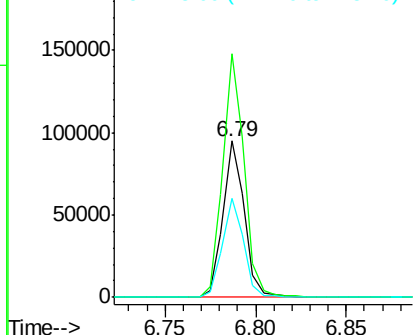
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF105041.D
Acq: 2 May 2018 19:49

Instrument :
BNA_F
ClientSampleId :
PB108708BL

Tot Ion:152 Resp: 77788
Ion Ratio Lower Upper
152 100
150 156.0 124.6 186.8
115 63.5 50.1 75.1



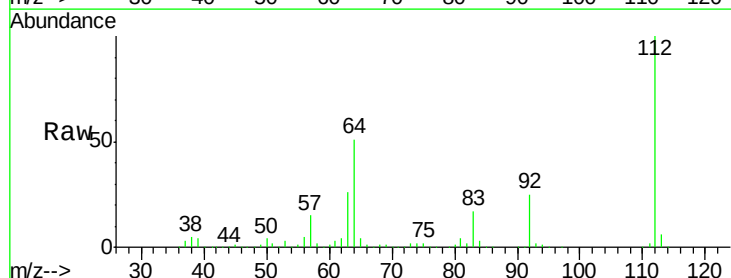
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



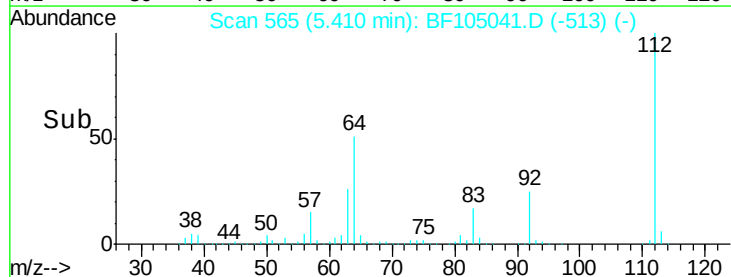
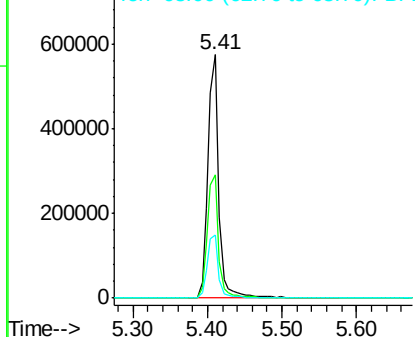
#5

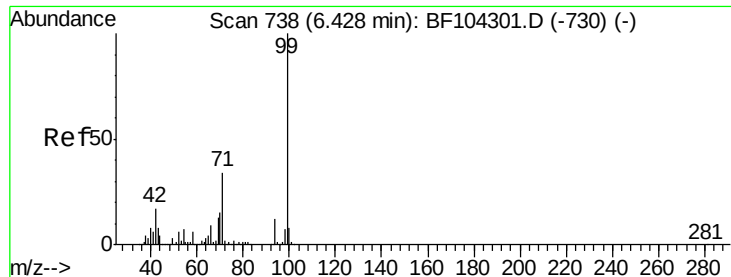
2-Fluorophenol
Concen: 115.216 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF105041.D
Acq: 2 May 2018 19:49

Tgt Ion:112 Resp: 586143
Ion Ratio Lower Upper
112 100
64 50.9 47.9 71.9
63 26.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 111.110 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF105041.D

Acq: 2 May 2018 19:49

Instrument :

BNA_F

ClientSampleId :

PB108708BL

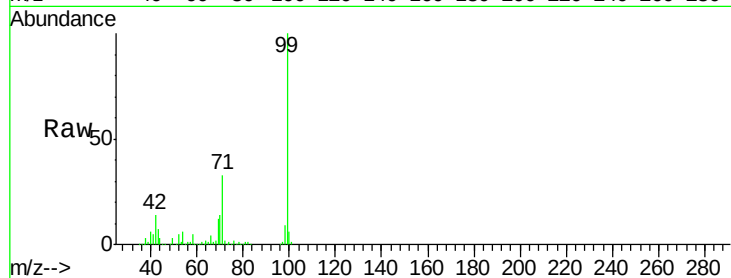
Tot Ion: 99 Resp: 694513

Ion Ratio Lower Upper

99 100

42 14.3 14.5 21.7#

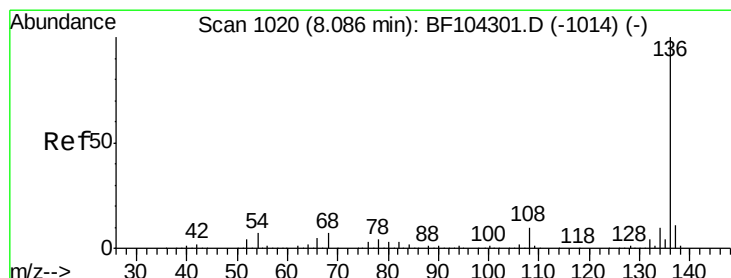
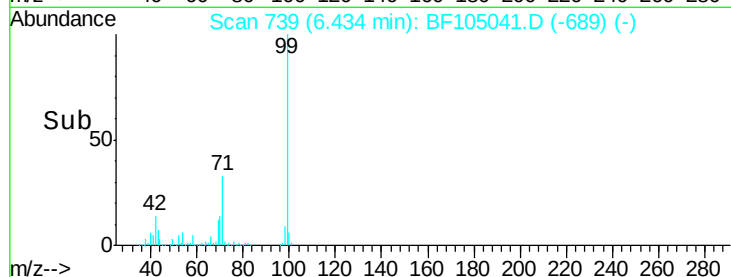
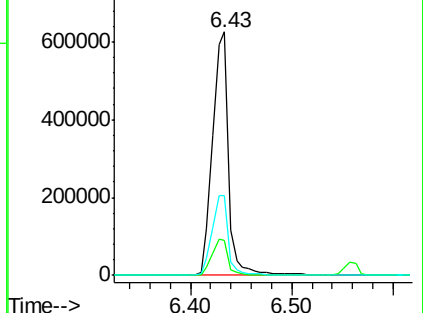
71 32.8 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF105041.D

Acq: 2 May 2018 19:49

Tgt Ion: 136 Resp: 318872

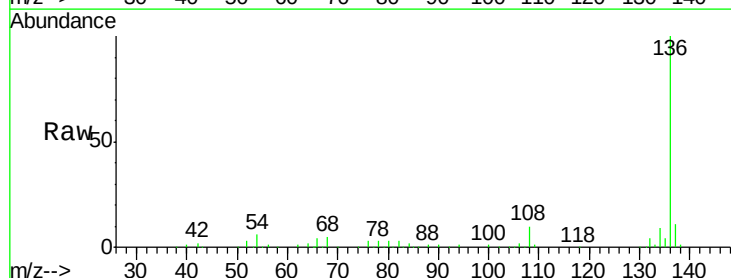
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.3 6.6 9.8#

68 5.4 5.0 7.4

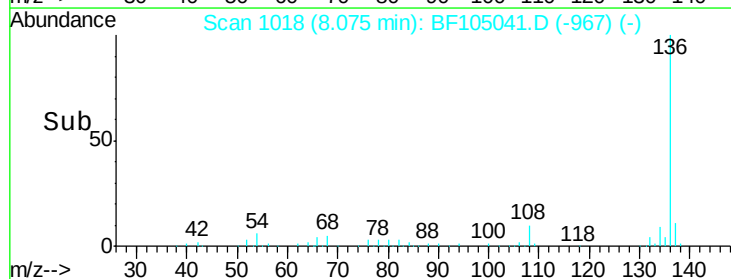
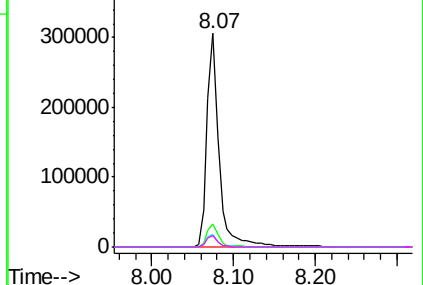


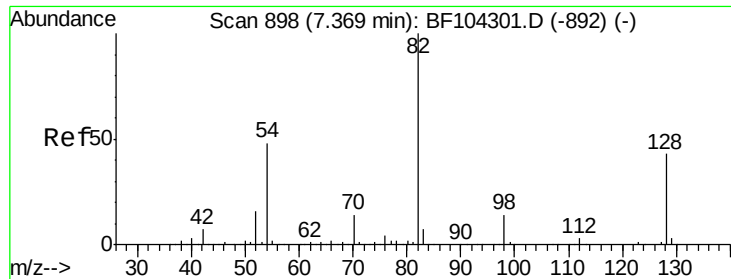
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

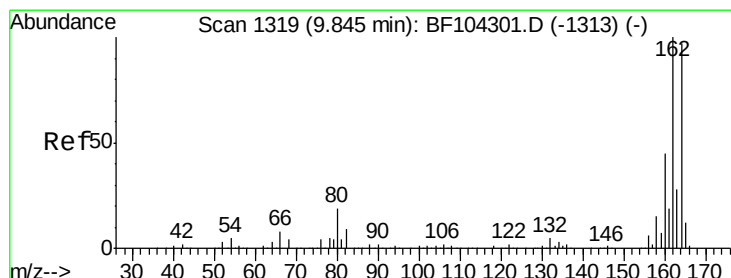
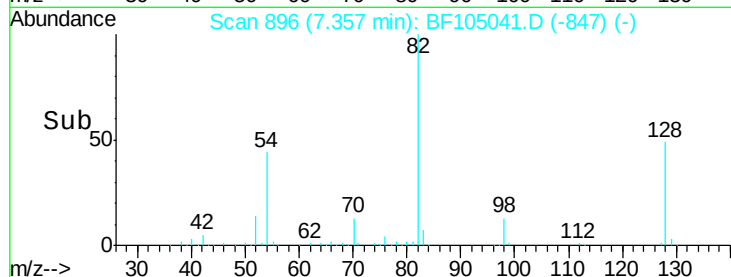
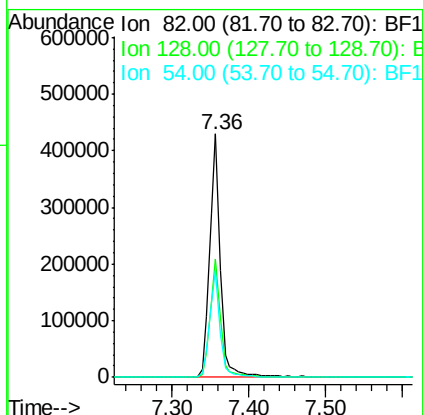
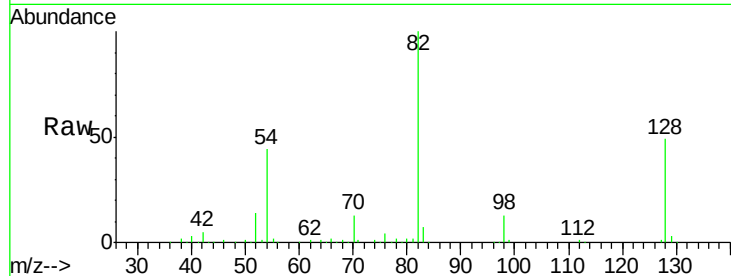




#23
 Nitrobenzene-d5
 Concen: 84.353 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF105041.D
 Acq: 2 May 2018 19:49

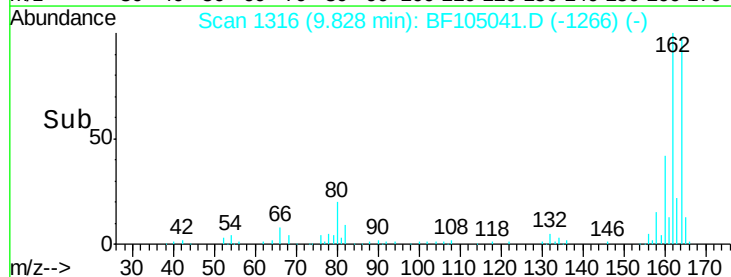
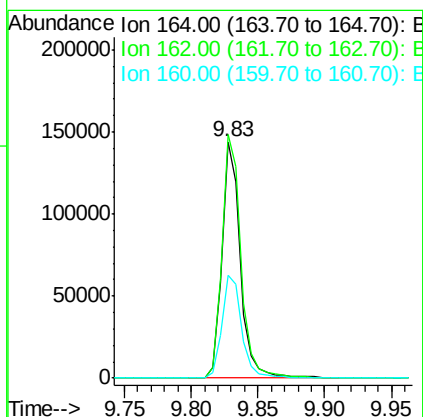
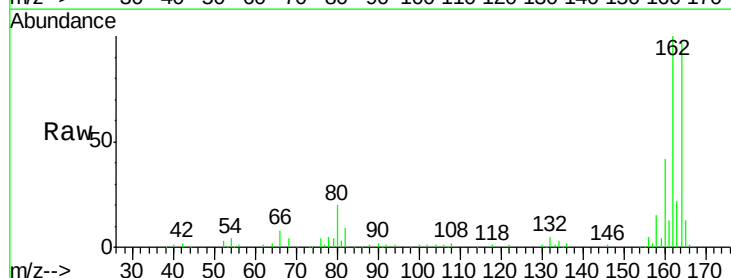
Instrument :
 BNA_F
 ClientSampleId :
 PB108708BL

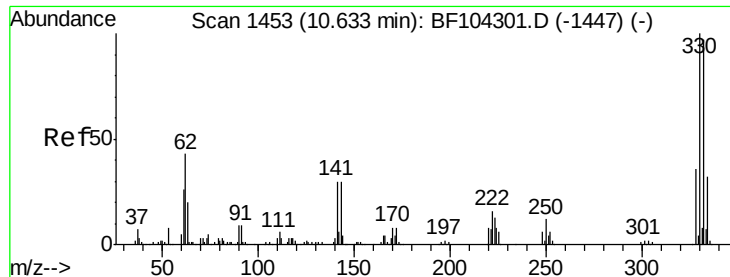
Tot Ion: 82 Resp: 411923
 Ion Ratio Lower Upper
 82 100
 128 48.7 36.1 54.1
 54 43.7 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF105041.D
 Acq: 2 May 2018 19:49

Tgt Ion: 164 Resp: 140056
 Ion Ratio Lower Upper
 164 100
 162 103.1 86.1 129.1
 160 43.8 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 109.638 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF105041.D

Acq: 2 May 2018 19:49

Instrument :

BNA_F

ClientSampleId :

PB108708BL

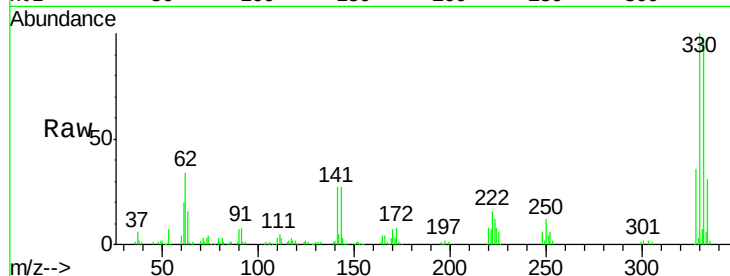
Tot Ion:330 Resp: 159287

Ion Ratio Lower Upper

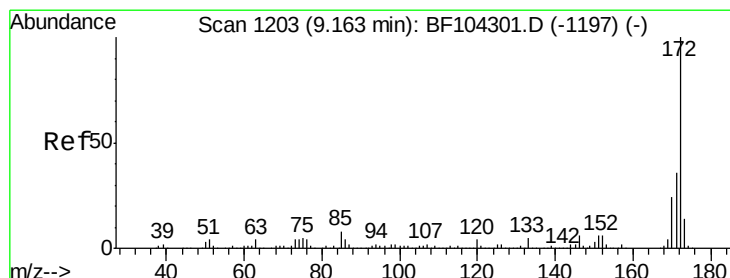
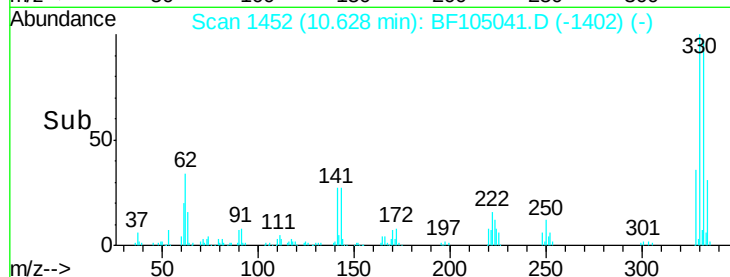
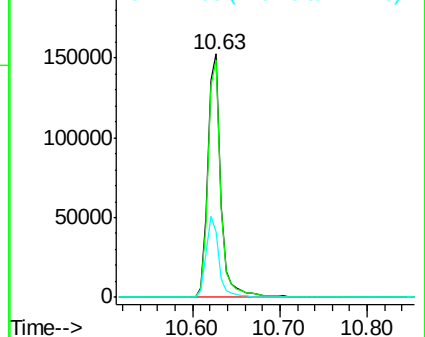
330 100

332 96.3 77.0 115.6

141 32.7 29.9 44.9



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 90.150 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF105041.D

Acq: 2 May 2018 19:49

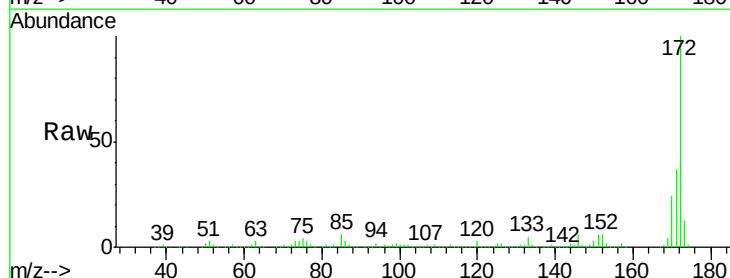
Tgt Ion:172 Resp: 799242

Ion Ratio Lower Upper

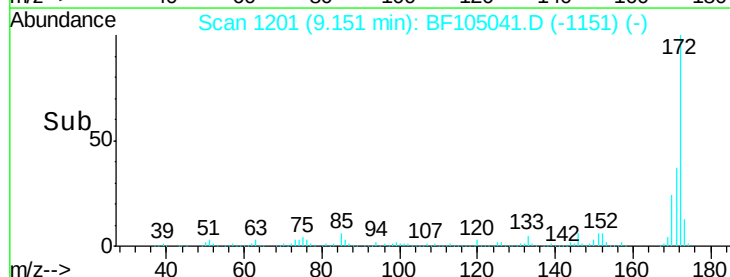
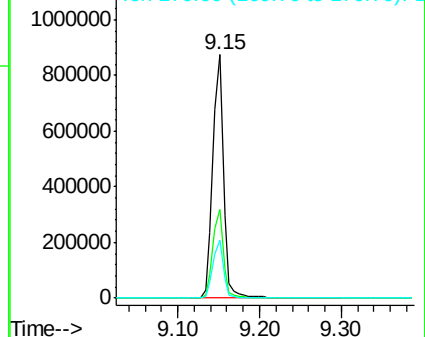
172 100

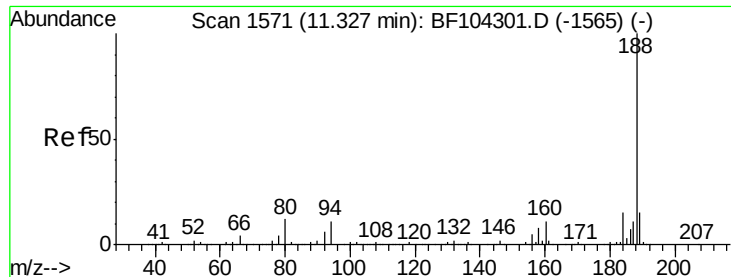
171 36.5 29.7 44.5

170 23.9 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

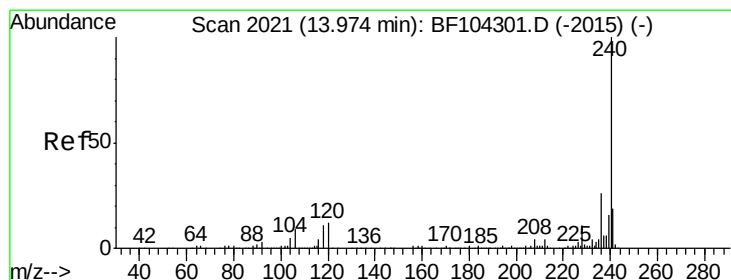
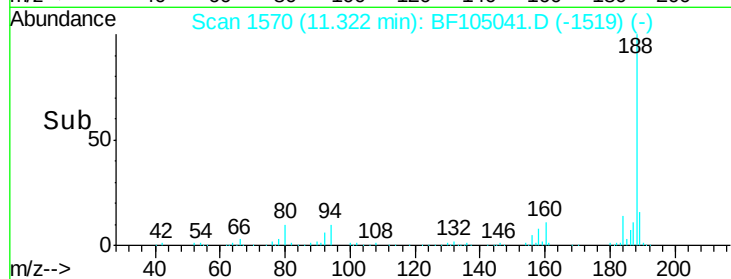
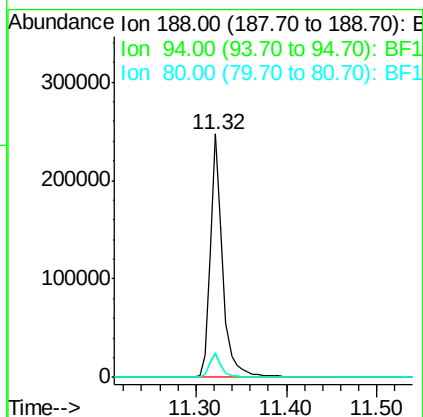
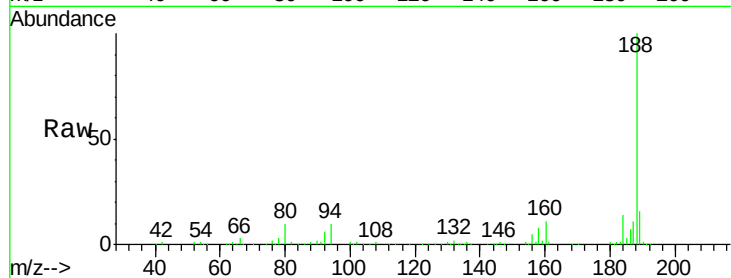




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF105041.D
Acq: 2 May 2018 19:49

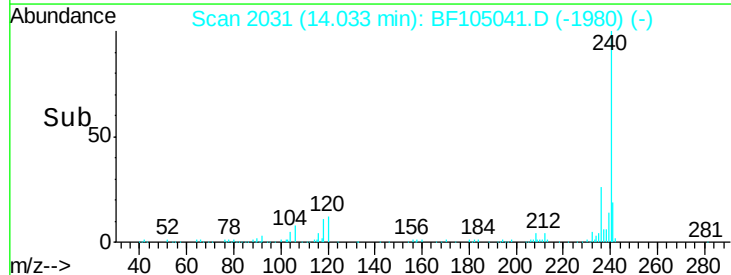
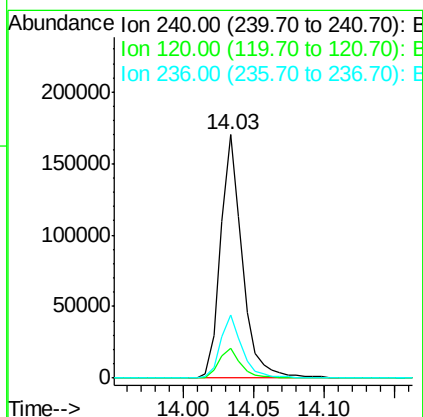
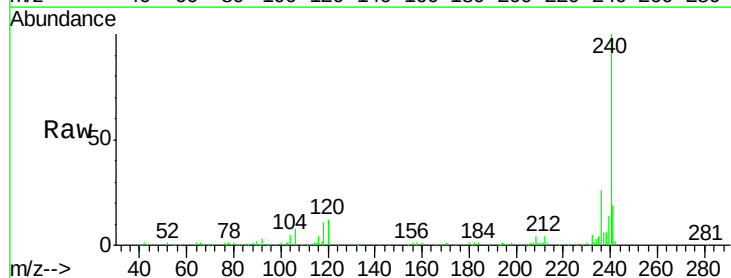
Instrument :
BNA_F
ClientSampleId :
PB108708BL

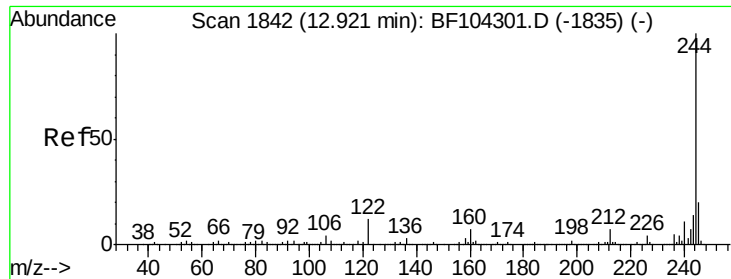
Tot Ion:188 Resp: 237113
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 10.1 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BF105041.D
Acq: 2 May 2018 19:49

Tgt Ion:240 Resp: 182310
Ion Ratio Lower Upper
240 100
120 12.2 9.5 14.3
236 26.2 20.7 31.1





#78

Terphenyl-d14

Concen: 86.514 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BF105041.D

Acq: 2 May 2018 19:49

Instrument :

BNA_F

ClientSampleId :

PB108708BL

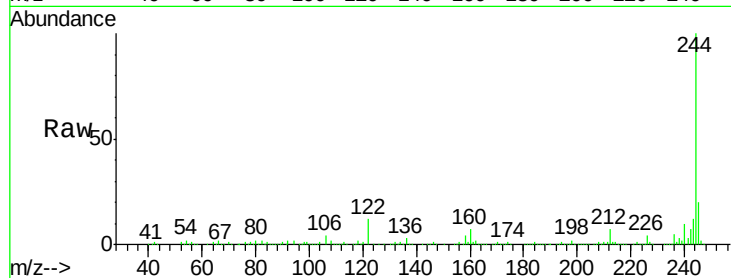
Tot Ion:244 Resp: 691824

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

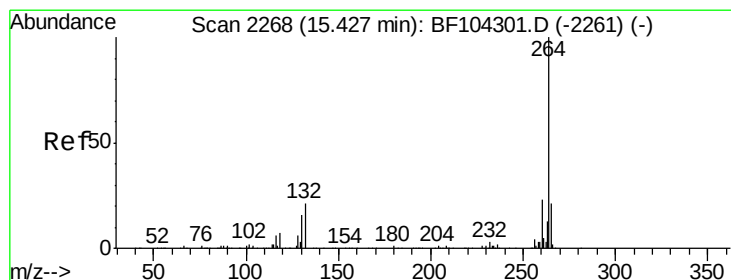
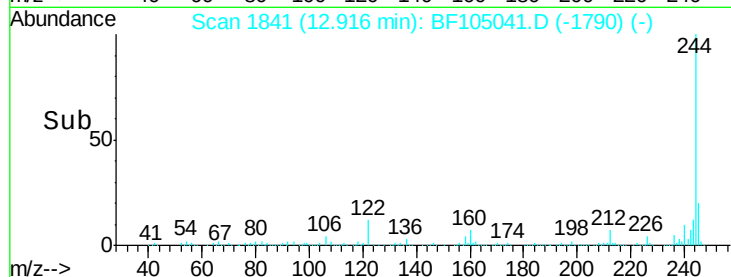
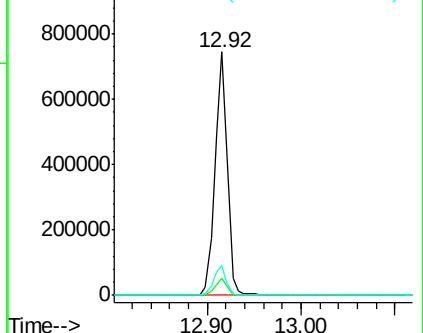
122 12.4 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.62 min Scan# 2300

Delta R.T. 0.02 min

Lab File: BF105041.D

Acq: 2 May 2018 19:49

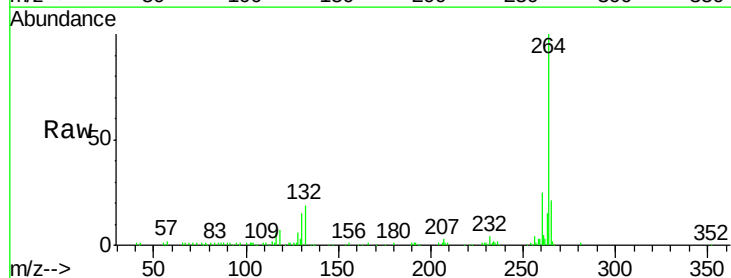
Tgt Ion:264 Resp: 138065

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 21.1 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

